

Form PTO-1449 COMMERCE (REV. 7-80)		U.S. DEPARTMENT OF PATENT AND TRADEMARK OFFICE		Atty. Docket No. US 000160		Serial No.	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				Applicant DAGNACHEW BIRRU		Filing Date CONCURRENTLY	
				Group			

JC682 U.S. PTO  
 09/840200  
 04/23/01

U.S. PATENT DOCUMENTS														
Ex. Int		Document Number								Date	Name	Class	Sub-class	Filing Date If Approp.
H.V.	AA	5	2	4	7	5	4	1	9/21/93	NAKAI	375	14	4/23/92	
H.V.	AB	5	2	9	3	4	0	2	3/8/94	CRESPO ET AL	375	14	5/2/91	
H.V.	AC	5	3	0	3	2	6	3	4/12/94	SHOJI ET AL	375	11	6/24/92	
H.V.	AD	5	7	7	9	0	4	7	7/14/98	DARRAH	206	373	3/25/97	
H.V.	AE													

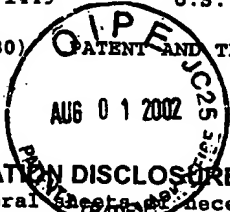
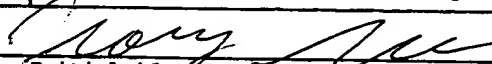
FOREIGN PATENT DOCUMENTS																
		Document Number								Date	Country	Class	Sub-class	Trans.		
														Yes	no	
H.V.	AF	0	3	6	3	5	5	1	B 1	12/7/94	EUROPE					X
H.V.	AG	0	9	6	7	7	6	3	A 1	12/29/99	EUROPE					X
	AH															
	AI															

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

AJ	
AK	
AL	
AM	

Examiner <i>[Signature]</i>	Date Considered 8/19/04
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP Draw line through citation if not in conformance and not considered. Include a copy this form with next communication to applicant.

Form PTO-1449 COMMERCE (REV. 7-80)		U.S. DEPARTMENT OF PATENT AND TRADEMARK OFFICE		Atty. Docket No. US 000160		Serial No. 09/840,200	
				Applicant Dagnachew Birru			
				Filing Date April 23, 2001		Group 2614	
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets, if necessary)							
<b>U.S. PATENT DOCUMENTS</b>							
Ex. Int		Document Number	Date	Name	Class	Sub-class	Filing Date If Approp.
	AA						
	AB						
	AC						
	AD						
	AE						
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub-class	Trans. Yes no
	AF	0 0 1 6 5 2 6 A 1	3/23/00	World			X
	AG						
	AH						
	AI						
	AJ						
	AK						
<b>OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	AL	"A Modified $\mu$ -Weighted Normalized Frequency-Domain LMS Algorithm", by Harish S. Punjabi et al., Pages 232-236. XP000488549					
	AM	"Adaptive Frequency-Domain Equalization and Diversity Combining for Broadband Wireless Communications", by Martin V. Clark, pages 409-413.					
	AN	"Degradation of Multicarrier and Single Carrier Transmission with Frequency Domain Equalization due to Pilot-Aided Channel Estimation and Frequency Synchronization", by Andreas Czylik, pages 27-31.					
Examiner 				Date Considered 8/19/04			
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